

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO. : 6339718

APPLICATION NO.: 09/365,278

ISSUE DATE : January 15, 2002

INVENTOR(S) : Zatezalo

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Face Page, in Field (56), under "REFERENCES CITED", insert--5,806,519 09/1998 Evans III, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--4,710,166 12/1987 Thomson, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--5,304,126 04/1994 Epstein, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--4,553,958 11/1985 LeCocq.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--5,782,805 07/1998 Meinzer, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--4,006,736 02/1977 Kranys, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--4,677,980 07/1987 Reilly, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--5,383,858 01/1995 Reilly, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--0192786 09/1986 Reilly, et al.

On the Face Page, in Field (56), under "REFERENCES CITED", insert--0302752 02/1989 Orkin, et al.

On the Face Page, in Field (56), under "OTHER PUBLICATIONS", in Column 2, Line 8, delete "Injector" and  
insert - - Injection - -, therefor.

On the Face Page, in Field (56), under "OTHER PUBLICATIONS", insert--MCT/MCT Plus Operation Manual  
(1991), KMP 810P Rev. B.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 2

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ISSUE DATE : January 15, 2002

INVENTOR(S) : Zatezalo

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Face Page, in Field (56), under "OTHER PUBLICATIONS", insert--Medrad Spectris MR Injector Operation Manual (1996), 92901-T-107, Rev. E.

On the Face Page, in Field (56), under "OTHER PUBLICATIONS", insert--Medrad Envision CT Injector Operation Manual (1995), 92401-T-123, Rev. E.

In the Specification, Column 16, Line 18, delete "69" and insert -- 72 --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 19, 2000

PTAS

MEDRAD, INC.  
GREGORY L. BRADLEY  
ONE MEDRAD DRIVE  
INDIANOLA, PA 15051

\*101258105A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/19/2000

REEL/FRAME: 010540/0674

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: ZATEZALO, DOUG	DOC DATE: 01/14/2000
ASSIGNOR: THOMPSON, JEFFREY JOHN	DOC DATE: 01/14/2000
ASSIGNOR: RYGG, STEVEN C.	DOC DATE: 01/14/2000
ASSIGNOR: GRIFFITH, SCOTT R.	DOC DATE: 01/14/2000
ASSIGNOR: GARDNER, JOHN	DOC DATE: 01/14/2000
ASSIGNOR: BARBATI, RONALD	DOC DATE: 01/14/2000

ASSIGNEE:

MEDRAD, INC.  
ONE MEDRAD DRIVE  
INDIANOLA, PENNSYLVANIA 15051

SERIAL NUMBER: 09365278  
PATENT NUMBER:

FILING DATE: 07/30/1999  
ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MED  
1-19-00

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P/

02-04-2000

cket No.: VI/99-016

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → → ▼

101258105

original documents or copy thereof.

1. Name of conveying party(ies):

Doug Zatezalo; Jeffrey John Thompson; Steven C. Rygg;  
Scott R. Griffith; John Gardner; Ronald Barbati

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: January 14, 2000

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/365,278

02/02/2000 MMARML 00000010 132530 09365278

02 FC:581

40.00 CH



B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory L. Bradley

Internal Address: Medrad, Inc.

Street Address: \_\_\_\_\_

One Medrad Drive

City: Indianola State: PA ZIP: 15051

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

13-2530

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory L. Bradley

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document:

6

Date

January 14, 2000

A S S I G N M E N T

WHEREAS, We, **Doug Zatezalo**, a citizen and resident of the United States of America, whose post office address is 3134 Deerwood Drive, Allison Park, PA 15101; and **Jeffrey John Thompson**, a citizen and resident of the United States of America, whose post office address is 4057 Tall Timber Drive, Allison Park, PA 15101; and **Steven C. Rygg**, a citizen and resident of the United States of America, whose post office address is 121 Maplewood Drive, Irwin, PA 15642; and **Scott R. Griffith**, whose post office address is 61 Bel Aire Drive, Delmont, PA 15626; and **John Gardner**, a citizen and resident of the United States of America, whose post office address is 10202 Fawn Ct., Wexford, PA 15090; and **Ronald Barbat**, a citizen and resident of the United States of America, whose post office address is 460 Sage Drive, Pittsburgh, PA 15243 (hereinafter collectively referred to as ASSIGNOR), have invented within the United States and own a certain invention entitled

**PROGRAMMABLE INJECTOR CONTROL**

which is described in an application for Letters Patent of the United States of America filed on July 30, 1999 and assigned application Serial No. 09/365,278; and

WHEREAS, Medrad, Inc., a corporation organized and existing under the laws of the State of Delaware and having a place of business at One Medrad Drive, Indianola, PA 15051 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, said application for Letters Patent, and any and all issued Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to ASSIGNEE.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

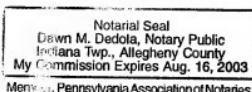
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set our hands and seals this 10<sup>th</sup>  
day of January, 2000.

Douglas M. Zatezalo  
Doug Zatezalo

STATE OF Pennsylvania )  
COUNTY OF Allegheny ) ss.

**BE IT KNOWN**, that on this 10 day of January, 2000 before me personally came Doug Zatezalo to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Dawn M. Dedobbe  
Notary Public

Notary Public

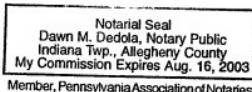
IN WITNESS WHEREOF, We have hereunto set our hands and seals this 12  
day of January, 2000.

  
Jeffrey John Thompson

STATE OF Pennsylvania )  
COUNTY OF Allegheny ) ss  
)

**BE IT KNOWN**, that on this 12 day of January, 2000, before me personally came Jeffrey John Thompson to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Dawn M. Deeb  
Notary Public

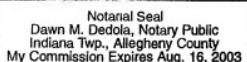


IN WITNESS WHEREOF, We have hereunto set our hands and seals this 12 day of January, 2000.

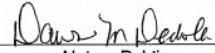
  
Steven C. Rygg

STATE OF Pennsylvania )  
                            )  
                            ) ss.  
COUNTY OF Allegheny     )

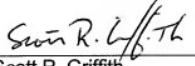
BE IT KNOWN, that on this 12 day of January, 2000, before me personally came Steven C. Rygg to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Member, Pennsylvania Association of Notaries

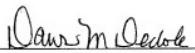
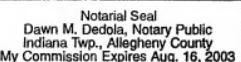
  
Notary Public

IN WITNESS WHEREOF, We have hereunto set our hands and seals this 11 day of January, 2000.

  
Scott R. Griffith

STATE OF Pennsylvania     )  
                            )  
                            ) ss.  
COUNTY OF Allegheny     )

BE IT KNOWN, that on this 11 day of January, 2000, before me personally came Scott R. Griffith to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public

Member, Pennsylvania Association of Notaries

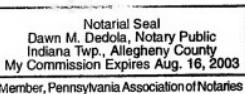
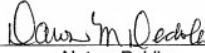
IN WITNESS WHEREOF, We have hereunto set our hands and seals this 14  
day of January, 2000.



John Gardner

STATE OF Pennsylvania )  
                            )  
                            ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 14 day of January, 2000, before me personally came John Gardner to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Dawn M. Dedola

Notary Public

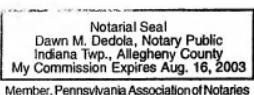
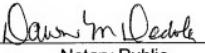
IN WITNESS WHEREOF, We have hereunto set our hands and seals this 1-12-2000  
day of January, 2000.



Ronald Barbati

STATE OF Pennsylvania )  
                            )  
                            ) ss.  
COUNTY OF Allegheny )

**BE IT KNOWN**, that on this 12 day of January, 2000, before me personally came Ronald Barbati to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Dawn M. Dedola

Notary Public

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office**PATENTS ONLY**

FORM PT&O 159 (Modified)  
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P08/REV02

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Doug Zatezalo; Jeffrey John Thompson; Steven C. Rygg;  
Scott R. Griffith; John Gardner; Ronald BarbatAdditional names(s) of conveying party(ies)  Yes  No

## 3. Nature of conveyance:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement    | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____           |   |

Execution Date: January 14, 2000

## 2. Name and address of receiving party(ies):

Name: MEDRAD, INC.Internal Address: \_\_\_\_\_  
\_\_\_\_\_

Street Address: \_\_\_\_\_

One Medrad DriveCity: Indianola State: PA ZIP: 15051Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/365,278



## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory L. BradleyInternal Address: Medrad, Inc.Street Address: \_\_\_\_\_  
\_\_\_\_\_One Medrad DriveCity: Indianola State: PA ZIP: 150516. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): .....\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

## 8. Deposit account number:

13-2530

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Gregory L. Bradley

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document:

6

January 14, 2000

Date